

Title (en)

Magnetic recording and reproduction system.

Title (de)

Magnetisches Aufzeichnungs- und Wiedergabesystem.

Title (fr)

Système magnétique d'enregistrement et de reproduction.

Publication

**EP 0110375 A1 19840613 (EN)**

Application

**EP 83111950 A 19831129**

Priority

JP 20760382 A 19821129

Abstract (en)

[origin: US4607293A] A magnetic recording and reproduction system of a helical scanning type provided with audio heads which rotate together with the rotary video heads so that the frequency-modulated audio signal is recorded by the audio heads on the video track on which the video signal will also be recorded. The audio signal is recorded first on the video track, and then the video signal is recorded over the record of the audio signal, whereby the audio signal has an expanded frequency band thereby to provide an improved sound quality.

IPC 1-7

**H04N 5/782**

IPC 8 full level

**G11B 5/02** (2006.01); **G11B 5/008** (2006.01); **G11B 5/027** (2006.01); **G11B 5/53** (2006.01); **H04N 5/782** (2006.01); **H04N 5/7826** (2006.01); **H04N 9/79** (2006.01); **H04N 9/802** (2006.01); **H04N 9/83** (2006.01); **H04N 9/835** (2006.01)

CPC (source: EP KR US)

**G11B 5/008** (2013.01 - EP US); **G11B 5/027** (2013.01 - KR); **H04N 5/78263** (2013.01 - EP US); **H04N 9/7921** (2013.01 - EP US); **H04N 9/802** (2013.01 - EP US); **H04N 9/8355** (2013.01 - EP US)

Citation (search report)

- DE 3037343 A1 19810507 - TDK ELECTRONICS CO LTD [JP]
- EP 0076091 A2 19830406 - HITACHI LTD [JP]
- AT 369912 B 19830210 - SONY CORP [JP]
- DE 3206449 A1 19821014 - HITACHI LTD [JP]

Cited by

EP0144910A3; EP0183186A3; EP0172441A1; EP0143654A3; EP0170032A1; EP0289205A1; US4905103A; DE3520722A1; US5089916A; EP0136808A3; US4660104A; WO8607516A1

Designated contracting state (EPC)

AT DE FR GB IT

DOCDB simple family (publication)

**US 4607293 A 19860819**; AT E22641 T1 19861015; CA 1215172 A 19861209; DE 3366638 D1 19861106; EP 0110375 A1 19840613; EP 0110375 B1 19861001; JP H0263243 B2 19901227; JP S5998307 A 19840606; KR 840006709 A 19841201; KR 880000099 B1 19880223

DOCDB simple family (application)

**US 55604783 A 19831129**; AT 83111950 T 19831129; CA 442128 A 19831129; DE 3366638 T 19831129; EP 83111950 A 19831129; JP 20760382 A 19821129; KR 830005584 A 19831125